CLAIMS

1. Process for the preparation of a polymer composition, the process comprising a step of contacting a polymer that comprises carboxyl groups with a cyclic imino ether compound characterized in that the cyclic imino ether compound is a phenylene oxazine according to formula (I)

$$\mathbb{A}^{\mathbb{N}}$$
 (I)

in which formula

R = an oxazine group according to formula (II)

n = 0, 1, 2, 3, 4 or 5

and that the polymer is contacted with said oxazine in an extruder at a temperature above 100 °C.

- 2. Process according to claim 1 wherein the polymer is a (co)polyamide, a (co)polyester or a blend hereof.
- 3. Process according to any one of claims 1-2, wherein the extruder is a single or a twin screw extruder.
- 4. Process according to claim 3, wherein the extruder is a single screw extruder.
- 5. Process according to any one of claims 1-4, wherein the oxazine is 2,2'-phenylene-bis(5, 6-dihydro-4H-1,3-oxazine)
- 6. Process according to any one of claims 1-5, wherein the concentration of the oxazine is 0.01-5 wt% relative to the amount of the polymer.
- 7. Use of the polymer composition obtained with the process according to any one of claims 1-6 in applications in aqueous or acid environment, or in coatings.